

**IMMUNOASSAY PREMIUM PLUS - LEVEL 1 (IA PREMIUM PLUS 1)**

Cat. No. IA3112	Lot No. 2341EC	Size 12 x 5ml				Expiry 2026-11-28
Analito	U/mL	Range				Method
		Target	Low	High	SD	
ACTH	pmol/l	2,02	1,89	2,16	0,067	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	8,54	7,43	9,66	0,373	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	8,51	6,85	10,18	0,555	Mindray CL 900i
Aldosterone	pmol/l	41,97	40,94	43,01	0,344	Mindray CL 8000i/6000i/2000i/1200i/1000i
Aldosterone	pmol/l	41,98	40,63	43,33	0,450	Mindray CL 900i
CA 125	U/ml	38,68	35,30	42,06	1,126	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 125	U/ml	39,54	35,09	43,99	1,483	Mindray CL 900i
CA 15-3	U/ml	13,73	10,48	16,98	1,083	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 15-3	U/ml	13,82	11,21	16,43	0,870	Mindray CL 900i
CA 19-9	U/ml	16,96	13,91	20,00	1,016	Mindray CL 8000i/6000i/2000i/1200i/1000i
CEA	ng/ml	3,83	3,32	4,33	0,169	Mindray CL 8000i/6000i/2000i/1200i/1000i
CEA	ng/ml	3,74	2,61	4,87	0,377	Mindray CL 900i
Cortisol	nmol/l	206,35	175,55	237,15	10,267	Mindray CL 8000i/6000i/2000i/1200i/1000i
Cortisol	nmol/l	208,90	151,88	265,92	19,007	Mindray CL 900i
C-Peptide	nmol/l	0,40	0,39	0,42	0,004	Mindray CL 8000i/6000i/2000i/1200i/1000i
Ferritin	ng/ml	18,31	14,16	22,47	1,386	Mindray CL 8000i/6000i/2000i/1200i/1000i
Ferritin	ng/ml	17,87	12,95	22,79	1,640	Mindray CL 900i
Folate	nmol/l	18,23	11,98	24,47	2,082	Mindray CL 8000i/6000i/2000i/1200i/1000i
Folate	nmol/l	17,67	12,53	22,81	1,713	Mindray CL 900i
FSH	mU/ml	6,54	5,23	7,85	0,4359	Mindray CL 8000i/6000i/2000i/1200i/1000i
FSH	mU/ml	7,05	3,90	10,21	1,052	Mindray CL 900i
hCG	mU/ml	5,39	3,92	6,87	0,493	Mindray hCG 8000/6000/2000/1200/1000i
hCG	mU/ml	5,41	4,60	6,23	0,2722	Mindray hCG2 8000/6000/2000/1200/1000i
hCG	mU/ml	5,24	3,03	7,45	0,74	Mindray hCG CL 900i
Insulin	uU/ml	2,13	1,74	2,52	0,13	Mindray CL 8000i/6000i/2000i/1200i/1000i
Insulin	uU/ml	2,16	1,77	2,55	0,13	Mindray CL 900i
LH	mU/ml	4,40	3,63	5,17	0,26	Mindray CL 8000i/6000i/2000i/1200i/1000i
Oestradiol	pmol/l	210,13	148,85	271,42	20,43	Mindray CL 8/6/2/12/1000i <= Lot 230501
Oestradiol	pmol/l	197,54	144,61	250,47	17,64	Mindray CL 900i <= Lot 230501
Progesterone	nmol/l	2,73	1,61	3,86	0,38	Mindray CL 8000i/6000i/2000i/1200i/1000i
Prolactin	uU/ml	167,69	135,29	200,10	10,80	Mindray CL 8000i/6000i/2000i/1200i/1000i
Prolactin	uU/ml	171,49	94,20	248,78	25,76	Mindray CL 900i
PSA, Free	ng/ml	1,71	1,51	1,91	0,07	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Free	ng/ml	1,83	1,32	2,33	0,17	Mindray CL 900i
PSA, Total	ng/ml	1,91	1,53	2,29	0,13	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Total	ng/ml	1,97	1,65	2,29	0,11	Mindray CL 900i
Parathyroid hormone	pmol/l	15,96	11,53	20,39	1,48	Mindray CL 8000i/6000i/2000i/1200i/1000i
Free T3	pmol/l	4,79	4,14	5,43	0,21	Mindray CL 8/6/2/12/1000i Ref: FT3 11X
Free T3	pmol/l	4,52	3,86	5,19	0,22	Mindray CL 900i Ref: FT3 11X
Free T3	pmol/l	4,55	3,32	5,79	0,41	MindrayCL8/6/2/12/1000i FT3105-0042XX-00
Total T3	nmol/l	0,98	0,60	1,37	0,13	Mindray CL 8/6/2/12/1000i Ref: T3 11X
Total T3	nmol/l	1,00	0,66	1,33	0,11	Mindray CL 900i Ref: T3 11X
Free T4	pmol/l	10,62	8,39	12,85	0,74	Mindray CL 8/6/2/12/1000i Ref: FT4 11X
Free T4	pmol/l	10,74	6,07	15,41	1,56	Mindray CL 900i Ref: FT4 11X
Free T4	pmol/l	13,28	8,42	18,14	1,62	MindrayCL8/6/2/12/1000i FT4105-0042XX-00
Total T4	nmol/l	27,07	17,43	36,71	3,21	Mindray CL 8/6/2/12/1000i Ref: T4 11X
Total T4	nmol/l	25,09	17,40	32,77	2,56	Mindray CL 900i Ref: T4 11X
Testosterone	nmol/l	0,95	0,43	1,48	0,18	Mindray CL 8000i/6000i/2000i/1200i/1000i
Testosterone	nmol/l	0,98	0,70	1,25	0,09	Mindray CL 900i
Thyroglobulin	ng/ml	0,70	0,53	0,87	0,06	Mindray CL 8000i/6000i/2000i/1200i/1000i
TSH	uU/ml	0,18	0,15	0,21	0,01	Mindray CL 8/6/2/12/1000i Ref: TSH 11X
TSH	uU/ml	0,18	0,12	0,23	0,02	Mindray CL 900i Ref: TSH 11X
TSH	uU/ml	0,19	0,17	0,21	0,01	MindrayCL8/6/2/12/1000i TSH105-0042XX-00
Vitamin B12	pmol/l	182,66	144,83	220,50	12,61	Mindray CL 8000i/6000i/2000i/1200i/1000i
Vitamin B12	pmol/l	183,28	107,66	258,91	25,21	Mindray CL 900i
25-OH-Vitamin D	nmol/l	33,46	20,50	46,42	4,32	Mindray CL 8000i/6000i/2000i/1200i/1000i

1. Los intervalos de control se basan en la Media +/- 3SD

2. Estos valores deben ser considerados sólo como referencia, se recomienda que cada laboratorio establezca su propia media y rangos de aceptabilidad

3. Para descargar el inserto del material de control emitido por el fabricante que incluya las instrucciones de uso e información adicional utilizar el siguiente enlace: <https://inserts.randox.com/out.php>

**IMMUNOASSAY PREMIUM PLUS - LEVEL 1 (IA PREMIUM PLUS 1)**

Cat. No. IA3112	Lot No. 2342EC	Size 12 x 5ml				Expiry 2026-11-28
Range						
Analito	U/ml	Target	Low	High	SD	Method
ACTH	pmol/l	6,23	6,01	6,45	0,112	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	49,91	42,23	57,60	2,562	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	49,89	41,94	57,84	2,651	Mindray CL 900i
Aldosterone	pmol/l	340,50	329,98	351,02	3,506	Mindray CL 900i
CA 125	U/ml	152,13	133,11	171,15	6,339	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 125	U/ml	153,46	135,04	171,88	6,140	Mindray CL 900i
CA 15-3	U/ml	26,54	21,51	31,56	1,674	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 15-3	U/ml	27,12	19,84	34,41	2,428	Mindray CL 900i
CA 19-9	U/ml	57,26	45,21	69,31	4,017	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 19-9	U/ml	56,16	32,58	79,74	7,860	Mindray CL 900i
CEA	ng/ml	19,59	17,40	21,79	0,732	Mindray CL 8000i/6000i/2000i/1200i/1000i
CEA	ng/ml	20,96	11,27	30,66	3,232	Mindray CL 900i
Cortisol	nmol/l	631,10	532,80	729,39	32,765	Mindray CL 8000i/6000i/2000i/1200i/1000i
Cortisol	nmol/l	607,05	461,60	752,50	48,483	Mindray CL 900i
C-Peptide	nmol/l	1,67	1,53	1,80	0,044	Mindray CL 8000i/6000i/2000i/1200i/1000i
C-Peptide	nmol/l	1,64	1,63	1,65	0,0019	Mindray CL 900i
DHEA-S	umol/l	13,36	11,97	14,76	0,466	Mindray CL 8000i/6000i/2000i/1200i/1000i
Ferritin	ng/ml	72,50	64,97	80,02	2,508	Mindray CL 8000i/6000i/2000i/1200i/1000i
Ferritin	ng/ml	74,51	64,07	84,95	3,4796	Mindray CL 900i
Folate	nmol/l	26,99	22,14	31,83	1,616	Mindray CL 8000i/6000i/2000i/1200i/1000i
Folate	nmol/l	28,26	19,93	36,58	2,7757	Mindray CL 900i
FSH	mU/ml	27,08	22,01	32,14	1,6891	Mindray CL 8000i/6000i/2000i/1200i/1000i
FSH	mU/ml	27,52	21,22	33,82	2,10	Mindray CL 900i
hCG	mU/ml	6,07	4,28	7,85	0,59	Mindray hCG 8000/6000/2000/1200/1000i
hCG	mU/ml	6,05	4,59	7,51	0,49	Mindray hCG CL 900i
Insulin	uU/ml	14,91	11,53	18,29	1,13	Mindray CL 8000i/6000i/2000i/1200i/1000i
Insulin	uU/ml	16,66	14,81	18,52	0,62	Mindray CL 900i
LH	mU/ml	36,09	29,07	43,10	2,34	Mindray CL 8000i/6000i/2000i/1200i/1000i
LH	mU/ml	35,74	26,90	44,58	2,95	Mindray CL 900i
Oestradiol	pmol/l	858,80	662,21	1055,40	65,53	Mindray CL 8/6/2/12/1000i <= Lot 230501
Oestradiol	pmol/l	985,53	865,93	1105,13	39,87	Mindray CL 900i >= Lot 231001
Progesterone	nmol/l	37,64	31,80	43,48	1,95	Mindray CL 8000i/6000i/2000i/1200i/1000i
Progesterone	nmol/l	37,85	35,36	40,33	0,83	Mindray CL 900i
Prolactin	uU/ml	672,98	538,35	807,61	44,88	Mindray CL 8000i/6000i/2000i/1200i/1000i
Prolactin	uU/ml	683,25	574,93	791,57	36,11	Mindray CL 900i
PSA, Free	ng/ml	13,70	11,51	15,88	0,73	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Free	ng/ml	14,13	11,98	16,28	0,72	Mindray CL 900i
PSA, Total	ng/ml	14,53	12,19	16,86	0,78	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Total	ng/ml	15,11	13,67	16,56	0,48	Mindray CL 900i
Parathyroid hormone	pmol/l	40,44	34,27	46,60	2,05	Mindray CL 8000i/6000i/2000i/1200i/1000i
Parathyroid hormone	pmol/l	41,85	31,67	52,03	3,39	Mindray CL 900i
Free T3	pmol/l	12,12	10,61	13,64	0,50	Mindray CL 8/6/2/12/1000i Ref: FT3 11X
Free T3	pmol/l	12,39	9,87	14,92	0,84	Mindray CL 900i Ref: FT3 11X
Free T3	pmol/l	12,70	12,25	13,14	0,15	MindrayCL8/6/2/12/1000i FT3105-0042XX-00
Total T3	nmol/l	3,12	2,36	3,89	0,25	Mindray CL 8/6/2/12/1000i Ref: T3 11X
Total T3	nmol/l	3,18	2,48	3,89	0,24	Mindray CL 900i Ref: T3 11X
Total T3	nmol/l	2,96	2,93	2,98	0,01	Mindray CL 900i T3 105-0042XX-00
Free T4	pmol/l	27,10	22,39	31,82	1,57	Mindray CL 8/6/2/12/1000i Ref: FT4 11X
Free T4	pmol/l	26,05	20,02	32,08	2,01	Mindray CL 900i Ref: FT4 11X
Free T4	pmol/l	31,14	19,53	42,74	3,87	MindrayCL8/6/2/12/1000i FT4105-0042XX-00
Total T4	nmol/l	116,69	89,94	143,45	8,92	Mindray CL 8/6/2/12/1000i Ref: T4 11X
Total T4	nmol/l	116,20	83,44	148,96	10,92	Mindray CL 900i Ref: T4 11X
Testosterone	nmol/l	18,49	15,29	21,69	1,07	Mindray CL 8000i/6000i/2000i/1200i/1000i
Testosterone	nmol/l	18,33	16,28	20,37	0,68	Mindray CL 900i
Thyroglobulin	ng/ml	10,62	9,38	11,85	0,41	Mindray CL 8/6/2/12/1000i Ref: Tg11X
Thyroglobulin	ng/ml	9,27	4,64	13,90	1,54	Mindray CL 900i Ref: TG11X
TSH	uU/ml	2,80	2,32	3,28	0,16	Mindray CL 8/6/2/12/1000i Ref: TSH 11X
TSH	uU/ml	2,75	2,32	3,17	0,14	Mindray CL 900i Ref: TSH 11X
TSH	uU/ml	2,74	1,70	3,77	0,35	MindrayCL8/6/2/12/1000i TSH105-0042XX-00
Vitamin B12	pmol/l	450,02	383,91	516,13	22,04	Mindray CL 8000i/6000i/2000i/1200i/1000i
Vitamin B12	pmol/l	441,97	375,71	508,24	22,09	Mindray CL 900i
25-OH-Vitamin D	nmol/l	80,12	52,38	107,85	9,25	Mindray CL 8000i/6000i/2000i/1200i/1000i
25-OH-Vitamin D	nmol/l	77,07	54,63	99,51	7,48	Mindray CL 900i

1. Los intervalos de control se basan en la Media +/- 3SD

2. Estos valores deben ser considerados sólo como referencia, se recomienda que cada laboratorio establezca su propia media y rangos de aceptabilidad

3. Para descargar el inserto del material de control emitido por el fabricante que incluya las instrucciones de uso e información adicional utilizar el siguiente enlace: <https://inserts.randox.com/out.php>

**IMMUNOASSAY PREMIUM PLUS - LEVEL 1 (IA PREMIUM PLUS 1)**

Cat. No. IA3112	Lot No. 2343EC	Size 12 x 5ml			Expiry 2026-11-28	
		Range				
Analito	U/ml	Target	Low	High	SD	Method
ACTH	pmol/l	6,37	6,21	6,53	0,079	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	182,75	156,65	208,85	8,700	Mindray CL 8000i/6000i/2000i/1200i/1000i
AFP	U/ml	182,70	130,11	235,30	17,531	Mindray CL 900i
Aldosterone	pmol/l	857,36	839,90	874,81	5,817	Mindray CL 900i
CA 125	U/ml	311,34	276,61	346,08	11,578	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 125	U/ml	311,31	289,42	333,19	7,294	Mindray CL 900i
CA 15-3	U/ml	45,82	34,87	56,77	3,649	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 15-3	U/ml	46,89	33,34	60,45	4,518	Mindray CL 900i
CA 19-9	U/ml	132,67	109,68	155,65	7,662	Mindray CL 8000i/6000i/2000i/1200i/1000i
CA 19-9	U/ml	133,95	88,04	179,86	15,303	Mindray CL 900i
CEA	ng/ml	39,56	34,19	44,93	1,791	Mindray CL 8000i/6000i/2000i/1200i/1000i
CEA	ng/ml	43,83	22,85	64,80	6,992	Mindray CL 900i
Cortisol	nmol/l	964,46	745,96	1182,97	72,835	Mindray CL 8000i/6000i/2000i/1200i/1000i
Cortisol	nmol/l	967,72	698,78	1236,66	89,646	Mindray CL 900i
C-Peptide	nmol/l	2,02	1,89	2,14	0,042	Mindray CL 8000i/6000i/2000i/1200i/1000i
C-Peptide	nmol/l	1,92	1,69	2,15	0,0769	Mindray CL 900i
DHEA-S	umol/l	20,21	18,15	22,27	0,687	Mindray CL 8000i/6000i/2000i/1200i/1000i
DHEA-S	umol/l	21,30	19,33	23,28	0,657	Mindray CL 8000i/6000i/2000i/1200i/1000i
Ferritin	ng/ml	274,90	233,86	315,95	13,6813	Mindray CL 900i
Ferritin	ng/ml	272,63	226,05	319,20	15,526	Mindray CL 8000i/6000i/2000i/1200i/1000i
Folate	nmol/l	45,36	36,45	54,27	2,9703	Mindray CL 900i
Folate	nmol/l	44,60	34,06	55,15	3,5149	Mindray CL 8000i/6000i/2000i/1200i/1000i
FSH	mU/ml	84,27	66,48	102,07	5,93	Mindray CL 900i
FSH	mU/ml	85,47	55,81	115,13	9,89	Mindray hCG 8000/6000/2000/1200/1000i
hCG	mU/ml	163,19	112,00	214,39	17,06	Mindray hCG CL 900i
hCG	mU/ml	172,83	103,94	241,73	22,97	Mindray CL 8000i/6000i/2000i/1200i/1000i
Insulin	uU/ml	31,34	26,09	36,59	1,75	Mindray CL 900i
Insulin	uU/ml	32,10	24,75	39,44	2,45	Mindray CL 8000i/6000i/2000i/1200i/1000i
LH	mU/ml	64,40	51,33	77,47	4,36	Mindray CL 900i
LH	mU/ml	66,39	55,15	77,62	3,74	Mindray CL 8/6/2/12/1000i <= Lot 230501
Oestradiol	pmol/l	3212,66	2741,26	3684,05	157,13	Mindray CL 900i >= Lot 231001
Oestradiol	pmol/l	3204,32	2677,63	3731,02	175,56	Mindray CL 8000i/6000i/2000i/1200i/1000i
Progesterone	nmol/l	129,67	105,53	153,80	8,04	Mindray CL 900i
Progesterone	nmol/l	139,41	134,05	144,77	1,79	Mindray CL 8000i/6000i/2000i/1200i/1000i
Prolactin	uU/ml	1063,33	896,09	1230,57	55,75	Mindray CL 900i
Prolactin	uU/ml	1063,64	837,47	1289,82	75,39	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Free	ng/ml	20,50	16,59	24,41	1,30	Mindray CL 900i
PSA, Free	ng/ml	21,23	18,62	23,83	0,87	Mindray CL 8000i/6000i/2000i/1200i/1000i
PSA, Total	ng/ml	21,59	18,67	24,52	0,97	Mindray CL 900i
PSA, Total	ng/ml	20,69	15,31	26,08	1,79	Mindray CL 8000i/6000i/2000i/1200i/1000i
Parathyroid hormone	pmol/l	230,09	207,01	253,17	7,69	Mindray CL 900i
Parathyroid hormone	pmol/l	223,66	182,03	265,28	13,88	Mindray CL 8/6/2/12/1000i Ref: FT3 11X
Free T3	pmol/l	22,22	18,17	26,27	1,35	Mindray CL 900i Ref: FT3 11X
Free T3	pmol/l	22,57	18,06	27,08	1,50	MindrayCL8/6/2/12/1000i FT3105-0042XX-00
Free T3	pmol/l	22,54	20,64	24,44	0,63	Mindray CL 8/6/2/12/1000i Ref: T3 11X
Total T3	nmol/l	5,09	4,02	6,16	0,36	Mindray CL 900i Ref: T3 11X
Total T3	nmol/l	5,01	4,59	5,44	0,14	Mindray CL 900i T3 105-0042XX-00
Total T3	nmol/l	5,02	4,96	5,09	0,02	Mindray CL 8/6/2/12/1000i Ref: FT4 11X
Free T4	pmol/l	47,15	41,71	52,60	1,82	Mindray CL 900i Ref: FT4 11X
Free T4	pmol/l	48,52	26,86	70,19	7,22	MindrayCL8/6/2/12/1000i FT4105-0042XX-00
Free T4	pmol/l	59,10	36,77	81,44	7,44	Mindray CL 8/6/2/12/1000i Ref: T4 11X
Total T4	nmol/l	181,80	150,89	212,71	10,30	Mindray CL 900i Ref: T4 11X
Total T4	nmol/l	180,74	168,35	193,13	4,13	Mindray CL 8000i/6000i/2000i/1200i/1000i
Testosterone	nmol/l	38,52	31,39	45,65	2,38	Mindray CL 900i
Testosterone	nmol/l	38,83	33,19	44,46	1,88	Mindray CL 8/6/2/12/1000i Ref: Tg11X
Thyroglobulin	ng/ml	18,84	12,65	25,03	2,06	Mindray CL 900i Ref: TG11X
Thyroglobulin	ng/ml	17,79	14,14	21,43	1,22	Mindray CL 8/6/2/12/1000i Ref: TSH 11X
TSH	uU/ml	21,45	17,99	24,90	1,15	Mindray CL 900i Ref: TSH 11X
TSH	uU/ml	21,17	16,75	25,59	1,47	MindrayCL8/6/2/12/1000i TSH105-0042XX-00
TSH	uU/ml	21,74	14,41	29,07	2,44	Mindray CL 8000i/6000i/2000i/1200i/1000i
Vitamin B12	pmol/l	647,80	554,37	741,23	31,14	Mindray CL 900i
Vitamin B12	pmol/l	645,20	569,18	721,21	25,34	Mindray CL 8000i/6000i/2000i/1200i/1000i
25-OH-Vitamin D	nmol/l	128,07	98,00	158,14	10,02	Mindray CL 900i
25-OH-Vitamin D	nmol/l	128,22			10,17	

1. Los intervalos de control se basan en la Media +/- 3SD

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3. Para descargar el inserto del material de control emitido por el fabricante que incluye las instrucciones de uso e información adicional utilizar el siguiente enlace: <https://inserts.randox.com/out.php>